CLAIMS:

1. An organic electroluminescent device, comprising:

an organic electroluminescent element, wherein the organic electroluminescent element has a pair of electrodes and an electroluminescent layer provided between the electrodes, wherein the electroluminescent layer contains at least two types of phosphorescent materials, and wherein each phosphorescent material emits light the color of which is different from the color of light emitted by the other phosphorescent material; and

a drive unit that is electrically connected to the organic electroluminescent element, wherein the drive unit supplies to the organic electroluminescent element a current that has a modulated pulse width and a constant amplitude, thereby causing the organic electroluminescent element to emit light.

2. The organic electroluminescent device according to claim 1, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by a time gradation method.

3. The organic electroluminescent device according to claim 1, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by a time gradation method and an area gradation method.

4. An organic electroluminescent device, comprising:

an organic electroluminescent element, wherein the organic electroluminescent element has a pair of electrodes and an electroluminescent layer provided between the electrodes, wherein the electroluminescent layer contains at least two types of phosphorescent materials, wherein each phosphorescent material emits light the color of which is

different from the color of light emitted by the other phosphorescent material; and

a drive unit that is electrically connected to the organic electroluminescent element, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by an area gradation method.

5. The organic electroluminescent device according to claim 4, wherein the current supplied from the drive unit to the organic electroluminescent element has a constant current density.

6. An organic electroluminescent device, comprising:

an organic electroluminescent element, wherein the organic electroluminescent element has a pair of electrodes and at least two electroluminescent layers provided between the electrodes, wherein each electroluminescent layer contains a phosphorescent material, and wherein the phosphorescent material contained in each electroluminescent layer emits light the color of which is different from the color of light emitted by the phosphorescent material of the other electroluminescent layer; and

a drive unit that is electrically connected to the organic electroluminescent element, wherein the drive unit supplies to the organic electroluminescent element a current pulse having a modulated pulse width and a constant amplitude, thereby causing the organic electroluminescent element to emit light.

7. The organic electroluminescent device according to claim 6, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by a time gradation method.

8. The organic electroluminescent device according to

claim 6, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by a time gradation method and an area gradation method.

9. An organic electroluminescent device, comprising:

an organic electroluminescent element, wherein the organic electroluminescent element has a pair of electrodes and at least two electroluminescent layers provided between the electrodes, wherein each electroluminescent layer contains a phosphorescent material, and wherein the phosphorescent material contained in each electroluminescent layer emits light the color of which is different from the color of light emitted by the phosphorescent material of the other electroluminescent layer; and

a drive unit that is electrically connected to the organic electroluminescent element, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by an area gradation method.

10. The organic electroluminescent device according to claim 9, wherein the current supplied from the drive unit to the organic electroluminescent element has a constant current density.

11. An organic electroluminescent device, comprising:

an organic electroluminescent element, wherein the organic electroluminescent element has a pair of electrodes and an electroluminescent layer provided between the electrodes, wherein the electroluminescent layer contains at least two types of fluorescent materials, and wherein each fluorescent material emits light the color of which is different from the color of light emitted by the other fluorescent material; and

a drive unit that is electrically connected to the organic electroluminescent element, wherein the drive unit

supplies to the organic electroluminescent element a current pulse that has a modulated pulse width, a constant amplitude, and a current density equal to or more than 1 A/cm^2, thereby causing the organic electroluminescent element to emit light.

12. The organic electroluminescent device according to claim 11, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by a time gradation method.

13. The organic electroluminescent device according to claim 11, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by a time gradation method and an area gradation method.

14. An organic electroluminescent device, comprising:

an organic electroluminescent element, wherein the organic electroluminescent element has a pair of electrodes and an electroluminescent layer provided between the electrodes, wherein the electroluminescent layer contains at least two types of fluorescent materials, and wherein each fluorescent material emits light the color of which is different from the color of light emitted by the other fluorescent material; and

a drive unit that is electrically connected to the organic electroluminescent element, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by an area gradation method.

15. The organic electroluminescent device according to claim 14, wherein the current supplied from the drive unit to the organic electroluminescent element has a constant current density.

16. An organic electroluminescent device, comprising:

an organic electroluminescent element, wherein the organic electroluminescent element has a pair of electrodes and at least two electroluminescent layers provided between the electrodes, wherein each electroluminescent layer contains a fluorescent material, and wherein the fluorescent material contained in each electroluminescent layer emits light the color of which is different from the color of light emitted by the fluorescent material of the other electroluminescent layer; and

a drive unit that is electrically connected to the organic electroluminescent element, wherein the drive unit supplies to the organic electroluminescent element a current pulse that has a modulated pulse width, a constant amplitude, and a current density equal to or more than 1 A/cm^2, thereby causing the organic electroluminescent element to emit light.

17. The organic electroluminescent device according to claim 16, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by a time gradation method.

18. The organic electroluminescent device according to claim 16, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by a time gradation method and an area gradation method.

19. An organic electroluminescent device, comprising:

an organic electroluminescent element, wherein the organic electroluminescent element has a pair of electrodes and at least two electroluminescent layers provided between the electrodes, wherein each electroluminescent layer contains a fluorescent material, and wherein the fluorescent material contained in each electroluminescent layer emits light the color of which is different from the color of light emitted by the fluorescent material of the other

electroluminescent layer; and

a drive unit that is electrically connected to the organic electroluminescent element, wherein the drive unit controls the gradation of brightness of the organic electroluminescent element by an area gradation method.

20. The organic electroluminescent device according to claim 19, wherein the current supplied from the drive unit to the organic electroluminescent element has a constant current density.